

Docket No.: 50229-194

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Kenneth B. AIN, et al.

Serial No.: 09/606,042

Group Art Unit: 1642

Filed: June 29, 2000

Examiner: Rawlings, S.L.

For: IODIDE UPTAKE RESTORATION IN THYROID CANCER

AMENDMENTCommissioner for Patents  
Washington, DC 20231

Sir:

In response to the May 9, 2001, office action, the period for response having been extended one (1) month by an attached petition for extension of time, favorable reconsideration is respectfully requested in view of the following amendment.

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 15, line 29, with the following rewritten paragraph:

-- Seven human thyroid neoplastic cell lines, devoid of hNIS mRNA expression under basal monolayer conditions, were treated with putative chemical demethylation agents in an attempt to restore hNIS expression. These cell lines were derived from three papillary carcinomas (NPA'87, KAT-5, and KAT-10), two follicular carcinomas (WRO82 and MR087) and two benign follicular neoplasms (KAK-1 and KAK 50) (5). Three different demethylation or redifferentiation agents (viz., sodium butyrate, phenylacetate and 5-azacytidine) were tested on each of 7 cell lines for their ability to induce re-expression of hNIS